

10 DEC 2004

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

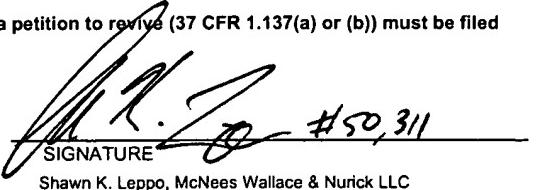
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 23003-0001
INTERNATIONAL APPLICATION NO. PCT/AU2003/000983	INTERNATIONAL FILING DATE 04 August 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) N/A <b>107517546</b>
PRIORITY DATE CLAIMED 02 August 2002		
TITLE OF INVENTION A CONTROL CIRCUIT AND A METHOD FOR ELECTRICALLY CONNECTING A LOAD TO A POWER SOURCE		
APPLICANT(S) FOR DO/EO/US Wayne CALLEN; Richard Leslie BRISSENDEN and Robert Keith Henry SMITH		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned copy)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <b>Return Receipt Postcard; Certificate of Mailing</b></p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) PCT/AU2003/000983		INTERNATIONAL APPLICATION NO. 04 August 2003		ATTORNEY'S DOCKET NUMBER 23003-0001																		
21. The following fees are submitted:																						
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td></td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$1000.00</b></td> <td></td> <td></td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00			<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00			<input checked="" type="checkbox"/> c) Search fee.....	\$500.00			<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>		
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<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00																					
<input checked="" type="checkbox"/> c) Search fee.....	\$500.00																					
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>																				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																			
34 - 100 =	/50 =		x \$250.00	\$																		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																		
Total claims	10 - 20 =	0	x \$50.00	\$ N/A	N/A																	
Independent claims	3 - 3 =	0	x \$200.00	\$ N/A	N/A																	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ N/A	N/A																	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,000.00</b>																		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																						
<b>SUBTOTAL =</b> \$ 500.00																						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																						
<b>TOTAL NATIONAL FEE =</b> \$ 500.00																						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																						
<b>TOTAL FEES ENCLOSED =</b> \$ 500.00																						
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$ 500.00</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$ 500.00													
Amount to be refunded:	\$																					
Amount to be charged:	\$ 500.00																					
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																						
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 50-1059 in the amount of \$ 500.00 to cover the above fees. A duplicate copy of this sheet is enclosed.																						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 50-1059. A duplicate copy of this sheet is enclosed.																						
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
McNees Wallace & Nurick LLC 100 Pine Street P.O. Box 1166 Harrisburg, PA 17108-1166 Phone: (717) 232-8000 Fax: (717) 237-5300																						
 SIGNATURE Shawn K. Lepko, McNees Wallace & Nurick LLC																						
NAME _____ 50,311																						
REGISTRATION NUMBER _____																						

10/517546

12 Rec'd PCT/PTO 10 DEC 2004

PTO/SB/92 (08-03)

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## Certificate of Express Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on December 10, 2004

Date

Kimberly A. Newell  
Signature

Kimberly A. Newell

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated/Elected Office (in duplicate)  
Declaration (unsigned)  
Copy of International Application as filed (WO 2004/013943 A1)  
Application Data Sheet  
Preliminary Amendment  
Return Receipt Postcard

Attorney Docket No. 23003-0001

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.